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Natural Resource Damage Assessment

Having performed more than 30 natural resource damage assessments (NRDAs), and having played a key role in most nationally prominent cases, Stratus Consulting is recognized as a leader in conducting NRDAs for government trustees. Our scientists have been at the forefront in the development of methodologies to determine and quantify injuries to natural resources. Our biologists, toxicologists, and chemists provide interdisciplinary expertise in injury determination and quantification, including the design and execution of rigorous environmental sampling and analysis, laboratory testing, and state-of-the-art computer modeling. Our economists are pioneers in the development and application of major economic valuation techniques. Ecologists, economists, and engineers design and scale primary and compensatory environmental restoration projects. By combining economic and scientific expertise with in-depth knowledge of damage assessment regulations of the U.S. Department of the Interior and NOAA, Stratus Consulting provides integrated scientific and economic analyses and NRDA management for use in defensible damage claims.

Litigation Support

- Discovery and interrogatories
- Settlement assistance
- Depositions and deposition preparation
- Expert testimony

Scientific Injury Determination and Quantification

- Fisheries, wildlife, vegetation, soil, and water sciences
- Environmental toxicology/toxicity testing
- Statistical design, analysis, and QA/QC
- Sampling and analysis plan development
- Environmental modeling
- Geographic information systems

Economic Damage Determination

- Market price methods
- Contingent valuation and conjoint methods
- Recreation demand and valuation methods
- Hedonic price methods
- Habitat (and other resource) equivalency analysis

Case Management

- Case strategy
- Assessment plan development and response to public comment
- Peer review of trustee/PRP NRDA plans, data, and reports
- Document and data systems management
- Legislative funding requests development

NRDA Training

- Case studies
- Training seminars and workshops

Restoration

- Habitat equivalency analysis
- Development of restoration planning processes
- Restoration and compensation determination plans
- Alternative development and cost analysis
- Restoration ecology

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